

CLAIMS

1 - "Wave Energy for Electricity Generation",  
consists of a mechanical and hydraulic installation  
characterized by the use of floaters attached to the end of  
5 horizontal mechanical arms that are articulated at their  
other end point situated at a fixed structure. The use of  
hydraulic pumps to pressurize the water. Hyperbaric  
chambers are used to storage both nitrogen gas and water.  
These two fluids in high pressure are responsible for  
10 driving the electric generating group (turbine/generator).

2 - "Wave Energy for Electricity Generation"  
according to claim 1, characterized by hyperbaric chamber,  
using preferentially nitrogen gas / water or air / water.

3 - "Wave Energy for Electricity Generation"  
15 consisting of a mechanical and hydraulic installation is  
characterized by the use of an outflow regulating valve, as  
shown in Figure 2. It consists of a main body A, outflow  
adjustment needle B, valve distance adjustment ring C,  
valve setting main structure D and the mechanical set for  
20 outflow fine adjustment E.

4 - "Wave Energy for Electricity Generation"  
characterized by the use of hyperbaric chambers technology  
that makes it possible to operate the plant using low  
outflow with high pressure.